

CPC**COOPERATIVE PATENT CLASSIFICATION****A61J**

**CONTAINERS SPECIALLY ADAPTED FOR MEDICAL OR PHARMACEUTICAL PURPOSES
DEVICES OR METHODS SPECIALLY ADAPTED FOR BRINGING PHARMACEUTICAL PRODUCTS INTO PARTICULAR PHYSICAL OR ADMINISTERING FORMS
DEVICES FOR ADMINISTERING FOOD OR MEDICINES ORALLY
BABY COMFORTERS
DEVICES FOR RECEIVING SPITTLE**

Guide heading:**A61J 1/00**

Containers specially adapted for medical or pharmaceutical purposes (capsules or the like for oral use [A61J 3/07](#); boxes for medical appliances, doctors' bags [A61B 19/02](#); antithrombogenic treatment of articles for conditioning blood [A61L 33/00](#); devices for introducing media into or onto the body [A61M](#); containers for radioactive substances [G21F 5/00](#))

- A61J 1/03 . for pills or tablets (containers with special dispensing means therefor [B65D 83/04](#))
- A61J 1/035 .. {Blister-type containers (blisters in general [B65D 75/36](#)) }
- A61J 1/05 . for collecting, storing or administering blood, plasma or medical fluids { (multiple bags systems for separating or storing blood components [A61M 1/0209](#)) ; Infusion or perfusion containers }
- A61J 1/06 .. Ampoules or carpules (syringe ampoules or carpules [A61M 5/28](#))
- A61J 1/062 ... {Carpules }
- A61J 1/065 ... {Rigid ampoules, e.g. glass ampoules }
- A61J 1/067 ... {Flexible ampoules, the contents of which are expelled by squeezing }
- A61J 1/10 .. Bag-type containers
- A61J 1/12 ... with means for holding samples of contents
- A61J 1/14 .. Details, { e.g. inlet or outlet ports, provisions for hanging, shape retaining means } Accessories therefor, { e.g. connections of tubings, valves, caps (plugs or stoppers [B65D 51/00](#)) } ([A61J 7/00](#) takes precedence; opens [B65D](#) , [B67B 7/00](#))]
- A61J 1/1406 ... { Septums, pierceable membranes }
- A61J 1/1412 ... { Containers with closing means, e.g. caps (plugs for containers [B65D 51/00](#)) }
- A61J 1/1437 ... { Locking means requiring key or combination to open the container }
- A61J 1/1443 ... {Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters }
- A61J 1/1462 ... { Containers with provisions for hanging, e.g. integral adaptations of the container (accessories for hanging the container [A61J 1/16](#), [A61M 5/1414](#)) }
- A61J 1/1475 ... { Inlet or outlet ports }
- A61J 1/1493 ... { Containers with shape retaining means, e.g. to support the structure of the container during emptying or filling }
- A61J 1/16 ... Holders for containers

- A61J 1/165 {Cooled holders, e.g. for medications, insulin, blood, plasma (containers with thermal insulation in general [B65D 81/38](#); ice-boxes [F25D](#)) }
- A61J 1/18 . . . Arrangements for indicating condition of container contents, e.g. sterile condition
- A61J 1/20 . . . Arrangements for transferring { or mixing } fluids, e.g. from vial to syringe { (containers in general with provisions for mixing contents [B65D 81/32](#)) }
- A61J 1/2089 { Containers or vials which are to be joined to each other in order to mix their contents (combinations of vial and syringe for mixing their contents [A61J 1/2096](#)) }
- A61J 1/2093 { Containers having several compartments for products to be mixed }
- A61J 1/2096 { Combination of a vial and a syringe for transferring or mixing their contents }
- A61J 1/22 . . . with means for metering the amount of fluid

A61J 3/00 **Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms** (chemical aspects, see the relevant classes)

- A61J 3/002 . {Compounding apparatus specially for enteral or parenteral nutritive solutions (bottling liquids [B67C](#)) }
- A61J 3/005 . {Coating of tablets or the like (coating of sweetmeats or confectionery [A23G 3/20](#); coating of granules in general [B01J 2/006](#)) }
- A61J 3/007 . {Marking tablets or the like (apparatus for printing on tablets or the like [B41F 17/36](#)) }
- A61J 3/02 . into the form of powders (pulverising in general [B02C](#))
- A61J 3/04 . into the form of ointments
- A61J 3/06 . into the form of pills, lozenges or dragees
- A61J 3/07 . into the form of capsules or similar small containers for oral use
- A61J 3/071 . . {into the form of telescopically engaged two-piece capsules }
- A61J 3/072 . . . {Sealing capsules, e.g. rendering them tamper-proof }
- A61J 3/074 . . . {Filling capsules; Related operations }
- A61J 3/075 {Manually operated filling apparatus }
- A61J 3/077 . . . {Manufacturing capsule shells }
- A61J 3/078 . . {into the form of wafers or cachets }
- A61J 3/08 . into the form of suppositories or sticks
- A61J 3/10 . into the form of compressed tablets (tablet presses [B30B 11/00](#))

Guide heading: **Administering medicines orally**
Feeding-bottles in general
Teats
Devices for receiving spittle

| | |
|------------------|---|
| A61J 7/00 | Devices for administering medicines orally, e.g. spoons (calibrated capacity measures for fluids or fluent solid material G01F 19/00 ; weighing spoons G01G 19/56) Pill counting devices Arrangements for time indication or reminder for taking medicine |
| A61J 7/0007 | . {Pill breaking or crushing devices } |
| A61J 7/0015 | . { Devices specially adapted for taking medicines } |
| A61J 7/0023 | .. { Spoons } |
| A61J 7/003 | .. { Sticks, e.g. lollipops with drug release } |
| A61J 7/0038 | .. { Straws } |
| A61J 7/0046 | .. { Cups, bottles or bags } |
| A61J 7/0053 | .. { Syringes, pipettes or oral dispensers } |
| A61J 7/0061 | .. { Swallow helping devices, e.g. tongue shields } |
| A61J 7/0069 | . {Trays for holding or distributing medicines (display trays A47F 3/14 ; serving trays A47G 23/06) } |
| A61J 7/0076 | . {Medicament distribution means (with pill counting devices A61J 7/02 ; with time indication A61J 7/04 ; containers or packages with special means for dispensing contents B65D 83/00) } |
| A61J 7/0084 | .. {for multiple medicaments } |
| A61J 7/0092 | . {for holding medicines in, or fixing medicines on, a tooth, e.g. holder containing medicines fixed on a tooth (medicament applicators for teeth or gums A61C 19/063) } |
| A61J 7/02 | . Pill counting devices |
| A61J 7/04 | . Arrangements for time indication or reminder for taking medicine, e.g. programmed dispensers |
| A61J 7/0409 | .. {with timers } |
| A61J 7/0472 | ... {of the count-down type, i.e. counting down a predetermined interval after each reset } |
| A61J 7/0481 | ... {working on a schedule basis } |
| A61J 9/00 | Feeding-bottles in general (electric heating elements H05B) |
| A61J 9/001 | . {with inner liners } |
| A61J 9/003 | . {Vacuum feeding-bottles (vacuum bottles in general A47J 41/02) } |
| A61J 9/005 | . {Non-rigid or collapsible feeding-bottles } |
| A61J 9/006 | . { having elongated tubes, e.g. for drinking from bottle in upright position } |
| A61J 9/008 | . { having storage compartments, e.g. for storing a teat } |
| A61J 9/02 | . with thermometers |

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|-------------------|---|
| A61J 9/04 | . with means for supplying air |
| A61J 9/06 | . Holders for bottles |
| A61J 9/08 | . Protective covers for bottles |
| A61J 9/085 | .. { Lids for closing the bottle } |
| A61J 11/00 | Teats |
| A61J 11/0005 | . { having additional ports, e.g. for connecting syringes or straws (devices for administering medicines orally A61J 7/00) } |
| A61J 11/001 | . { having means for regulating the flow rate } |
| A61J 11/0015 | .. { by size or shape of the opening } |
| A61J 11/002 | .. { by using valves } |
| A61J 11/0025 | . { having filters } |
| A61J 11/003 | . { having means for incorporating a mother's scent } |
| A61J 11/0035 | . { having particular shape or structure } |
| A61J 11/004 | .. { angled, e.g. in respect to the bottle } |
| A61J 11/0045 | .. { Aesthetic properties } |
| A61J 11/005 | ... { for imitating a nipple } |
| A61J 11/0055 | ... { for soothing, e.g. toy-like } |
| A61J 11/006 | .. { for improving flexibility } |
| A61J 11/0065 | .. { for improving rigidity, e.g. anti-bite-through or anti-collapsing } |
| A61J 11/007 | . { having orthodontic properties, e.g. for promoting correct teeth development } |
| A61J 11/0075 | . { Accessories therefor } |
| A61J 11/008 | .. { Protecting caps } |
| A61J 11/0085 | ... { with means for preventing leakage } |
| A61J 11/009 | .. { Puncturing tools, e.g. for creating an opening in the teat } |
| A61J 11/0095 | .. { Seal rupturing means (containers having several compartments for products to be mixed A61J 1/2093) } |
| A61J 11/02 | . with means for supplying air |
| A61J 11/04 | . with means for fastening to bottles |
| A61J 11/045 | .. { with interlocking means, e.g. protrusions or indentations on the teat } |
| A61J 13/00 | Breast-nipple shields (breast-pumps A61M 1/06) |
| A61J 15/00 | Feeding-tubes for therapeutic purposes (drinking tubes as tableware A47G 21/18) |

- A61J 15/0003 . { Nasal or oral feeding-tubes, e.g. tube entering body through nose or mouth }
- A61J 15/0007 .. { inserted by using a guide-wire (guide wires [A61M 25/09](#)) }
- A61J 15/0011 . { Feeding-tubes for delivery of nourishment to the mouth; Mouth pieces therefor (breast-nipple shields [A61J 13/00](#); mouth pieces for drinking straws [A47G 21/185](#); straws to take medicine [A61J 7/0038](#), mouthpieces for tracheal tubes [A61M 16/0488](#)) }
- A61J 15/0015 . { Gastrostomy feeding-tubes (insertion tools or methods [A61B 17/34](#)) }
- A61J 15/0019 .. { inserted by using a pull-wire }
- A61J 15/0023 .. { inserted by using a sheath }
- A61J 15/0026 . { Parts, details or accessories for feeding-tubes (external tubes from the medical container to a connector outside of the body [A61M 39/08](#)) }
- A61J 15/003 .. { Means for fixing the tube inside the body, e.g. balloons, retaining means (holding devices holding in the body [A61M 25/04](#)) }
- A61J 15/0034 ... { Retainers adjacent to a body opening to prevent that the tube slips through, e.g. bolsters }
- A61J 15/0038 { expandable, e.g. umbrella type }
- A61J 15/0042 { inflatable }
- A61J 15/0046 ... { Expandable retainers inside body lumens of the enteral tract, e.g. fixing by radially contacting a lumen wall }
- A61J 15/0049 { Inflatable Balloons (balloon catheters [A61M 25/10](#)) }
- A61J 15/0053 .. { Means for fixing the tube outside of the body, e.g. by a special shape, by fixing it to the skin (holding devices, e.g. on the body [A61M 25/02](#), mouthpieces for tracheal tubes [A61M 16/0488](#); transcutaneous access sites [A61M 39/0247](#)) }
- A61J 15/0057 ... { fixing a tube end, i.e. tube not protruding the fixing means }
- A61J 15/0061 ... { fixing at an intermediate position on the tube, i.e. tube protruding the fixing means }
- A61J 15/0065 ... { Fixing means and tube being one part }
- A61J 15/0069 .. { Tubes feeding directly to the intestines, e.g. to the jejunum }
- A61J 15/0073 .. { Multi-lumen tubes }
- A61J 15/0092 .. { Valves on feeding tubes (Tube valves [A61M 39/22](#)) }
- A61J 15/0096 .. { Provisions for venting }

A61J 17/00 **Baby-comforters** **Teething rings**

- A61J 17/02 . Teething rings

A61J 19/00 **Devices for receiving spittle, e.g. spittoons** ({devices for taking sputum samples [A61B 10/0051](#) }; for dentists [A61C 17/04](#))

- A61J 19/02 . Sputum flasks
- A61J 19/04 . Spittoons with water supply

A61J 19/06 . Combustible sputum cups

Guide heading:

- A61J 2001/00** **Containers specially adapted for medical or pharmaceutical purposes** (capsules or the like for oral use [A61J 3/07](#); boxes for medical appliances, doctors' bags [A61B 19/02](#); antithrombogenic treatment of articles for conditioning blood [A61L 33/00](#); devices for introducing media into or onto the body [A61M](#) ; containers for radioactive substances [G21F 5/00](#))
- A61J 2001/05 . for collecting, storing or administering blood, plasma or medical fluids { (multiple bags systems for separating or storing blood components [A61M 1/0209](#)) ; Infusion or perfusion containers }
- A61J 2001/14 . . Details, { e.g. inlet or outlet ports, provisions for hanging, shape retaining means } Accessories therefor, { e.g. connections of tubings, valves, caps (plugs or stoppers [B65D 51/00](#)) } ([A61J 7/00](#) takes precedence; openers [B65D](#) , [B67B 7/00](#))]
- A61J 2001/1412 . . . { Containers with closing means, e.g. caps (plugs for containers [B65D 51/00](#)) }
- A61J 2001/1418 threaded type
- A61J 2001/1425 snap-fit type
- A61J 2001/1431 permanent type, e.g. welded or glued
- A61J 2001/1443 . . . {Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters }
- A61J 2001/145 using air filters
- A61J 2001/1456 using liquid filters
- A61J 2001/1468 . . . Containers with specific material properties
- A61J 2001/1475 . . . { Inlet or outlet ports }
- A61J 2001/1481 with connection retaining means, e.g. thread or snap-fit
- A61J 2001/1487 with friction fit, e.g. connecting tubes directly to a protruding port
- A61J 2001/20 . . . Arrangements for transferring { or mixing } fluids, e.g. from vial to syringe { (containers in general with provisions for mixing contents [B65D 81/32](#)) }
- A61J 2001/2003 Accessories used in combination with means for transfer or mixing of fluids, e.g. for activating fluid flow, separating fluids, filtering fluid or venting
- A61J 2001/2006 Piercing means
- A61J 2001/201 having one piercing end
- A61J 2001/2013 having two piercing ends
- A61J 2001/2017 having more than two piercing ends
- A61J 2001/202 Separating means
- A61J 2001/2024 having peelable seals
- A61J 2001/2027 having frangible parts
- A61J 2001/2031 having openings brought into alignment
- A61J 2001/2034 having separation clips
- A61J 2001/2037 having valve means
- A61J 2001/2041 having removable plugs
- A61J 2001/2044 having slits

| | | |
|----------------|-------|---|
| A61J 2001/2048 | ..... | Connecting means |
| A61J 2001/2051 | ..... | having tap means, e.g. tap means activated by sliding |
| A61J 2001/2055 | ..... | having gripping means |
| A61J 2001/2058 | ..... | having multiple connecting ports |
| A61J 2001/2062 | ..... | with directional valves |
| A61J 2001/2065 | ..... | having aligning and guiding means |
| A61J 2001/2068 | ..... | Venting means |
| A61J 2001/2072 | ..... | for internal venting |
| A61J 2001/2075 | ..... | for external venting |
| A61J 2001/2079 | ..... | Filtering means |
| A61J 2001/2082 | ..... | for gas filtration |
| A61J 2001/2086 | ..... | for fluid filtration |

A61J 2007/00 **Devices for administering medicines orally, e.g. spoons** ([calibrated capacity measures for fluids or fluent solid material G01F 19/00](#); [weighing spoons G01G 19/56](#))
Pill counting devices
Arrangements for time indication or reminder for taking medicine

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|----------------|------|--|
| A61J 2007/04 | . | Arrangements for time indication or reminder for taking medicine, e.g. programmed dispensers |
| A61J 2007/0409 | .. | {with timers } |
| A61J 2007/0418 | ... | with electronic history memory |
| A61J 2007/0427 | ... | with direct interaction with a dispensing or delivery system |
| A61J 2007/0436 | | resulting from removing a drug from, or opening, a container |
| A61J 2007/0445 | | by preventing drug dispensing during a predetermined time period |
| A61J 2007/0454 | ... | for multiple drugs |
| A61J 2007/0463 | ... | for multiple patients |
| A61J 2007/0481 | ... | {working on a schedule basis } |
| A61J 2007/049 | | changed automatically as a reaction on a schedule deviation due to the patient |

A61J 2009/00 **Feeding-bottles in general** ([electric heating elements H05B](#))

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|----------------|-----|---|
| A61J 2009/06 | . | Holders for bottles |
| A61J 2009/0607 | .. | having aesthetic properties, e.g. toy-like or imitating a female breast |
| A61J 2009/0615 | .. | providing isolation |
| A61J 2009/0623 | .. | facilitating gripping |
| A61J 2009/063 | .. | having a particular supporting function |
| A61J 2009/0638 | ... | for supporting in a feeding position |
| A61J 2009/0646 | ... | for supporting only in a non-feeding position |
| A61J 2009/0653 | .. | characterised by the type of support |
| A61J 2009/0661 | ... | attachable to a device or furniture, e.g. crib, commode or stroller |
| A61J 2009/0669 | ... | supported by the infant |
| A61J 2009/0676 | ... | supported by the caregiver |

- A61J 2009/0684 . . . having a self supporting base
- A61J 2009/0692 . . . comprising a flexible arm

A61J 2015/00 Feeding-tubes for therapeutic purposes ([drinking tubes as tableware A47G 21/18](#))

- A61J 2015/0026 . { [Parts, details or accessories for feeding-tubes \(external tubes from the medical container to a connector outside of the body A61M 39/08\)](#) }
- A61J 2015/0076 . . Feeding pumps ([A61M 1/00](#), [A61M 5/142](#), [A61M 25/1018](#) take precedence)
- A61J 2015/008 . . Sensor means, e.g. sensing reflux, acidity, pressure ([sensors for diagnostic purposes A61B 5/00](#); [sensors for inflation control A61M 25/1018](#))
- A61J 2015/0084 . . . for sensing parameters of the patient
- A61J 2015/0088 . . . for sensing parameters of the device

A61J 2017/00 Baby-comforters
Teething rings

- A61J 2017/001 . Baby-comforters
- A61J 2017/002 . . with music box
- A61J 2017/003 . . with thermometer
- A61J 2017/005 . . light-emitting
- A61J 2017/006 . . releasing medication
- A61J 2017/007 . . mounted on soft cushion or doll
- A61J 2017/008 . . with protective shield

Guide heading:

A61J 2200/00 General characteristics or adaptations

- A61J 2200/10 . Coring prevention means, e.g. for plug or septum piecing members
- A61J 2200/20 . Extrusion means, e.g. for producing pharmaceutical forms
- A61J 2200/30 . Compliance analysis for taking medication
- A61J 2200/40 . Heating or cooling means
Combinations thereof
- A61J 2200/42 . . Heating meansf
- A61J 2200/44 . . Cooling means
- A61J 2200/50 . Insulating means
- A61J 2200/60 . biodegradable
- A61J 2200/70 . Device provided with specific sensor or indicating means
- A61J 2200/72 . . for temperature

- A61J 2200/74 . . for weight
- A61J 2200/76 . . for fluid level

Guide heading:**A61J 2205/00 General identification or selection means**

- A61J 2205/10 . Bar codes
- A61J 2205/20 . Colour codes
- A61J 2205/30 . Printed labels
- A61J 2205/40 . by shape or form, e.g. by using shape recognition
- A61J 2205/50 . using icons or symbolic figures, e.g. by a graphical representation symbolising the type of pathology or the organ by an image
- A61J 2205/60 . using magnetic or electronic identifications, e.g. chips, RFID, electronic tags
- A61J 2205/70 . Audible labels, e.g. for pre-recorded info or messages